

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127236.D
 Acq On : 07 Mar 2022 22:52
 Operator : CG\JU
 Sample : N1806-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-25

Quant Time: Mar 08 00:04:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

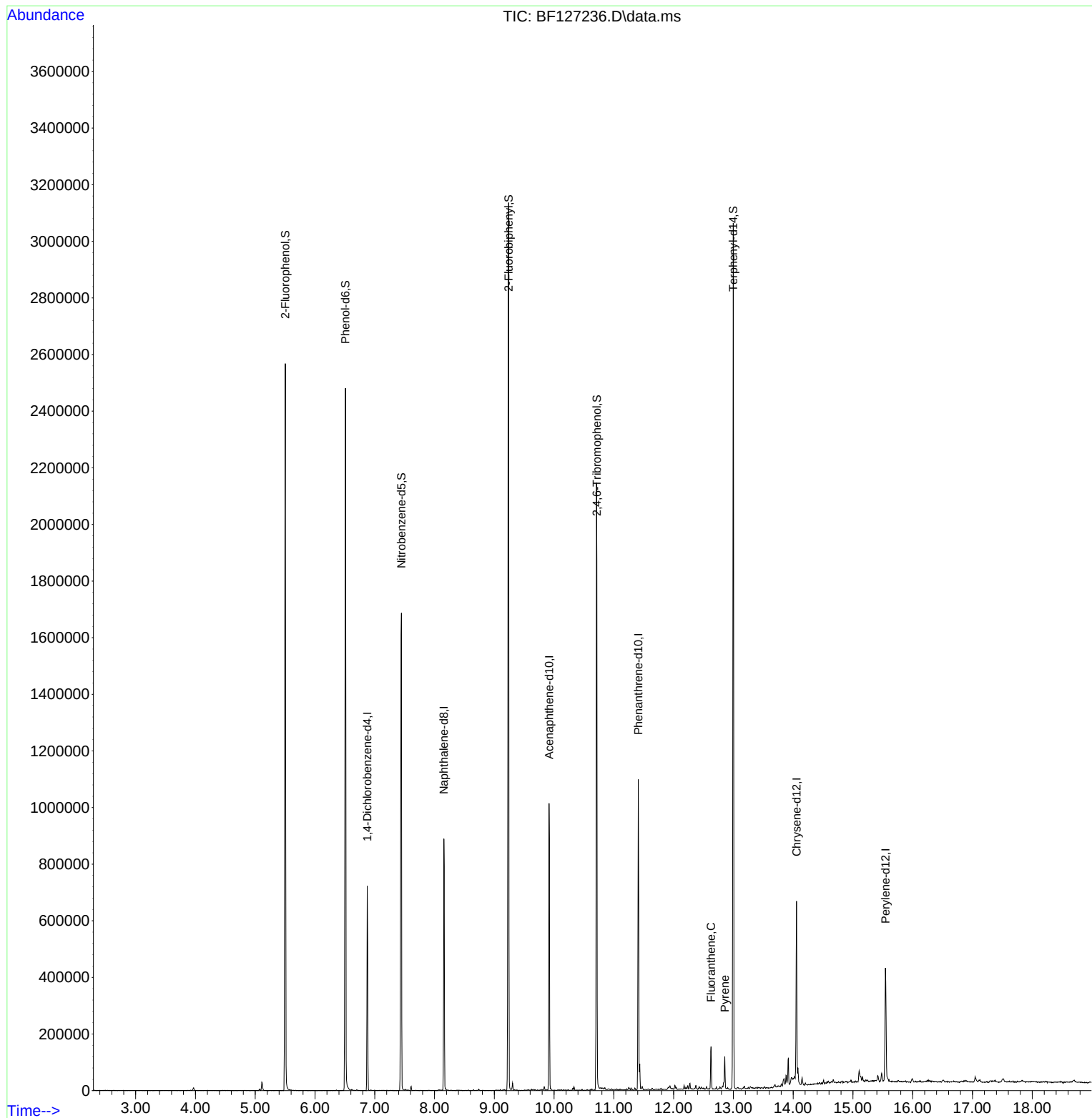
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	92496	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	384933	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	199784	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	348570	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	188332	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	169119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	628820	105.073	ng	0.00
7) Phenol-d6	6.510	99	843394	104.441	ng	0.00
23) Nitrobenzene-d5	7.445	82	588555	69.014	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	268060	116.536	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	955793	70.430	ng	0.00
79) Terphenyl-d14	12.998	244	1006708	78.579	ng	0.00
Target Compounds						
75) Fluoranthene	12.627	202	50238	2.712	ng	92
78) Pyrene	12.857	202	40850	2.497	ng	99

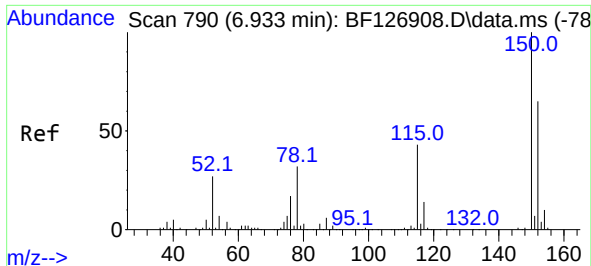
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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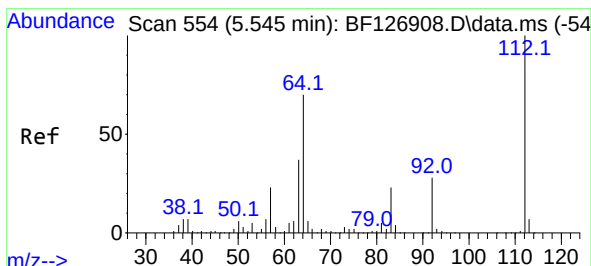
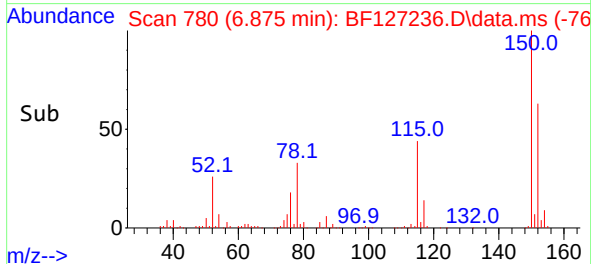
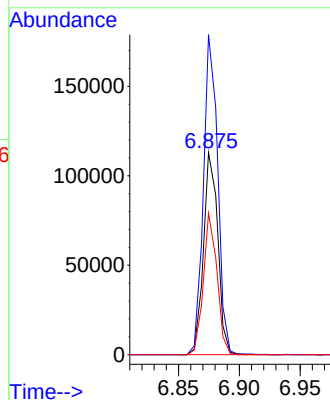
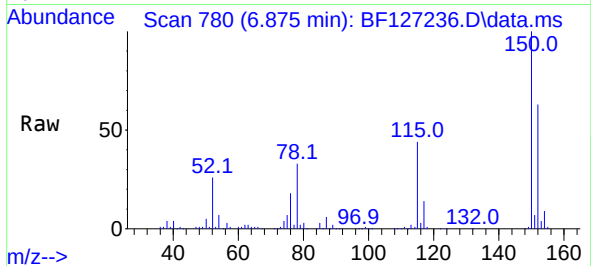




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127236.D
Acq: 07 Mar 2022 22:52

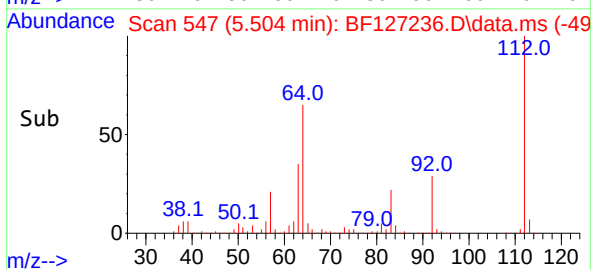
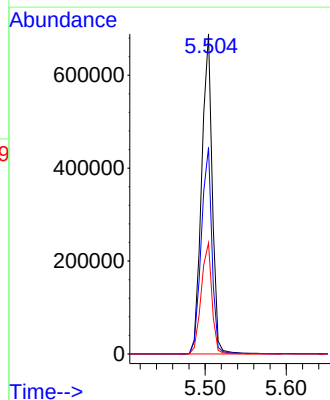
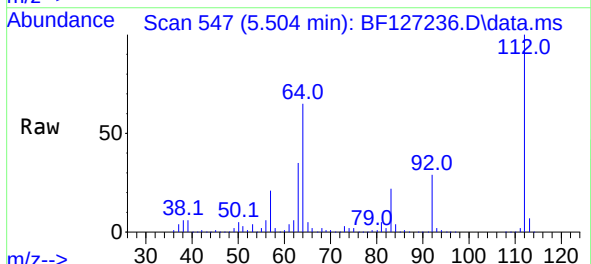
Instrument :
BNA_F
ClientSampleId :
DUM-25

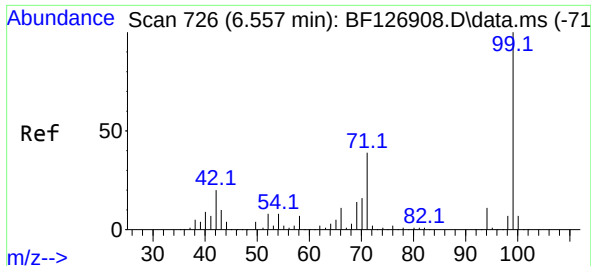
Tgt Ion:152 Resp: 92496
Ion Ratio Lower Upper
152 100
150 158.3 128.1 192.1
115 70.0 56.7 85.1



#5
2-Fluorophenol
Concen: 105.073 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127236.D
Acq: 07 Mar 2022 22:52

Tgt Ion:112 Resp: 628820
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 34.7 23.9 35.9

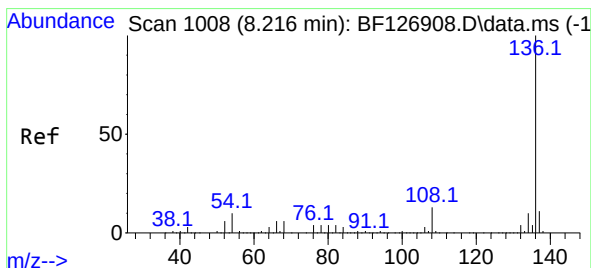
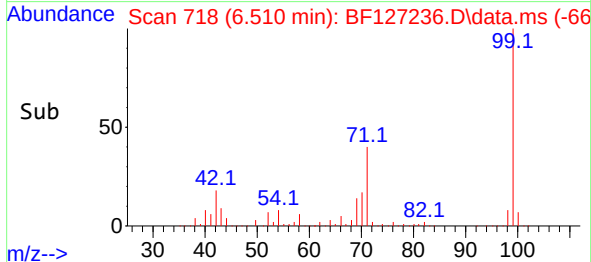
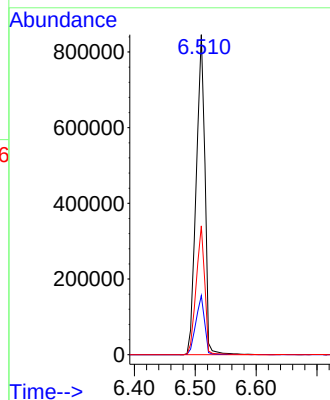
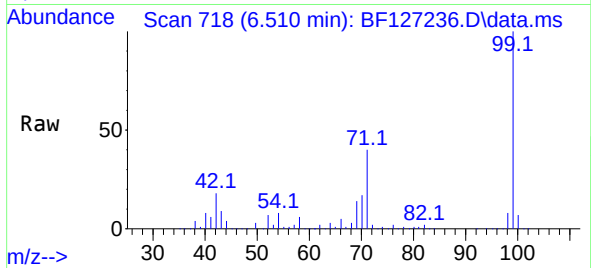




#7
Phenol-d6
Concen: 104.441 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127236.D
Acq: 07 Mar 2022 22:52

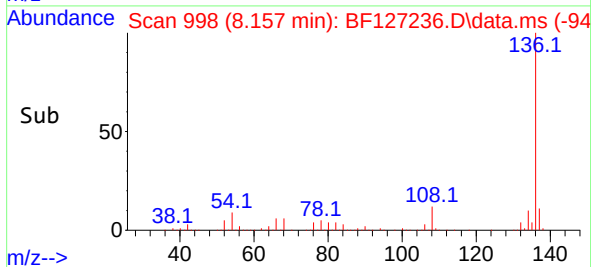
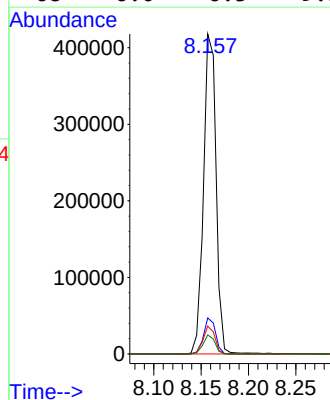
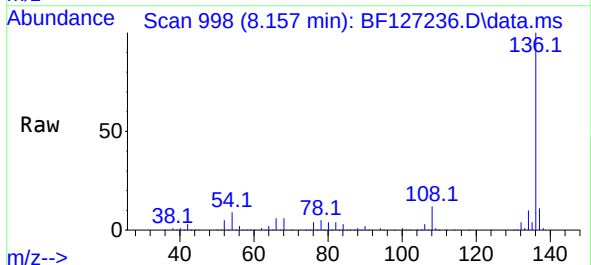
Instrument :
BNA_F
ClientSampleId :
DUM-25

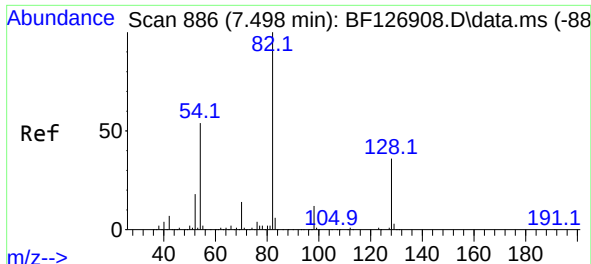
Tgt Ion: 99 Resp: 843394
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 40.2 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127236.D
Acq: 07 Mar 2022 22:52

Tgt Ion: 136 Resp: 384933
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.7 7.8 11.6
68 6.0 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 69.014 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127236.D

Acq: 07 Mar 2022 22:52

Instrument :

BNA_F

ClientSampleId :

DUM-25

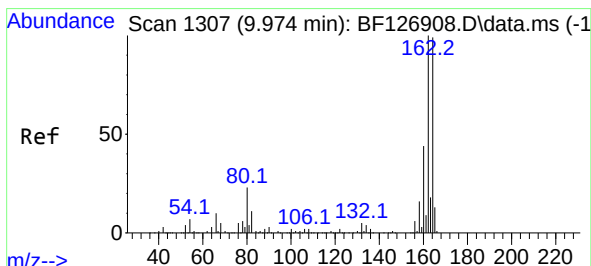
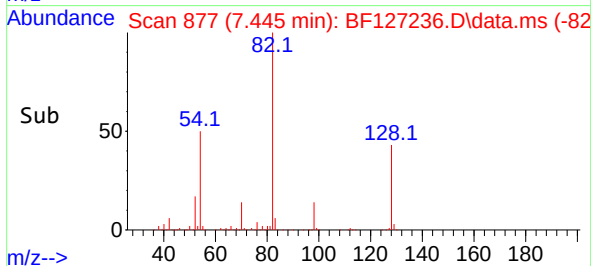
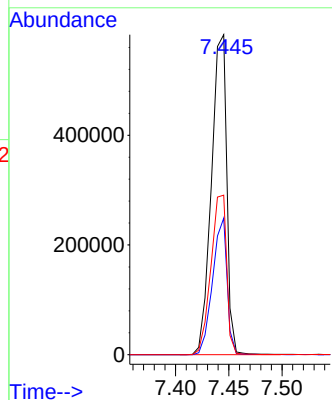
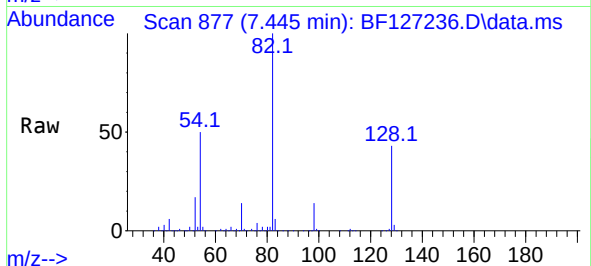
Tgt Ion: 82 Resp: 588555

Ion Ratio Lower Upper

82 100

128 42.6 32.7 49.1

54 49.9 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BF127236.D

Acq: 07 Mar 2022 22:52

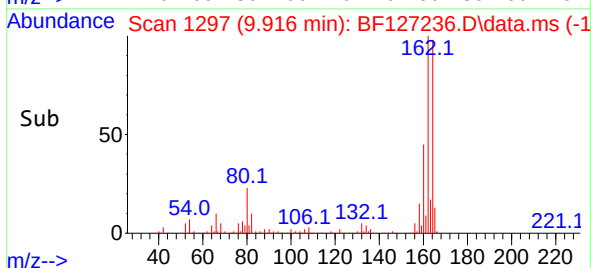
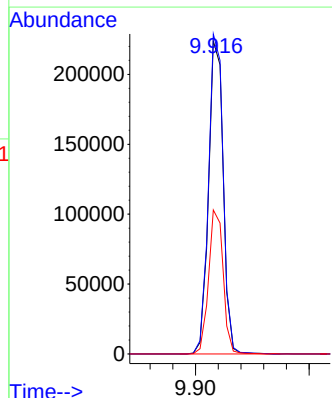
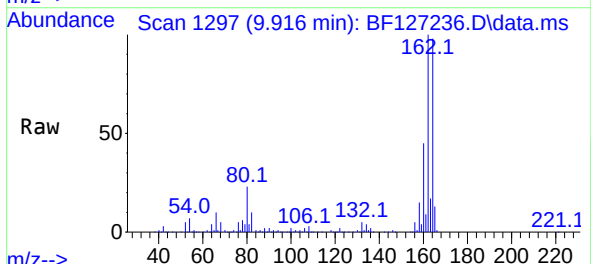
Tgt Ion:164 Resp: 199784

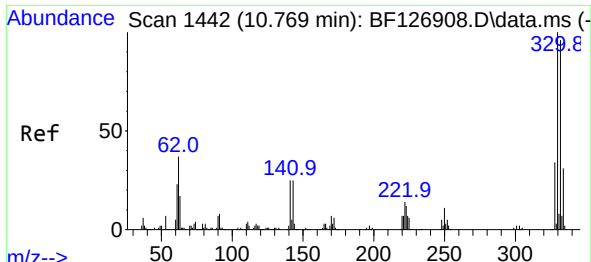
Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

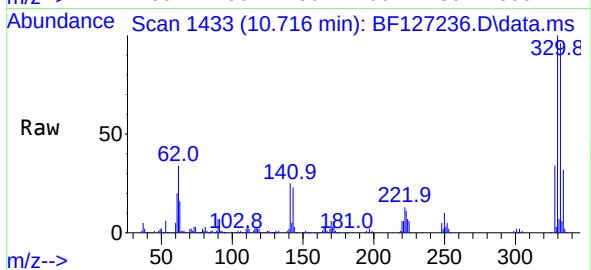
160 46.0 36.6 54.8



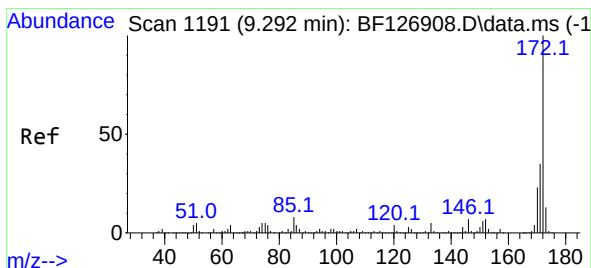
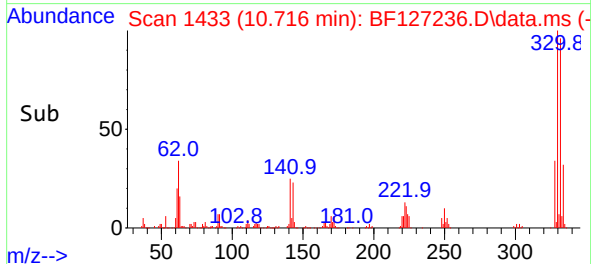
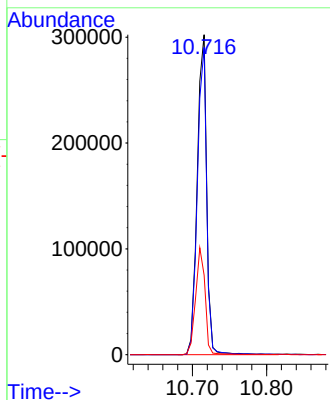


#42
2,4,6-Tribromophenol
Concen: 116.536 ng
RT: 10.716 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127236.D
Acq: 07 Mar 2022 22:52

Instrument :
BNA_F
ClientSampleId :
DUM-25

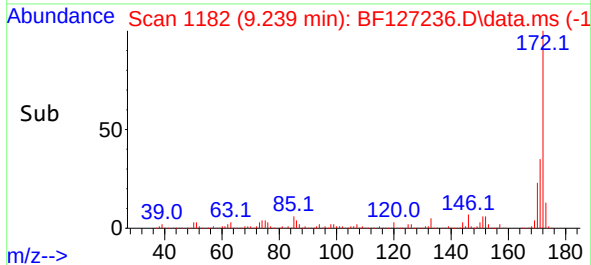
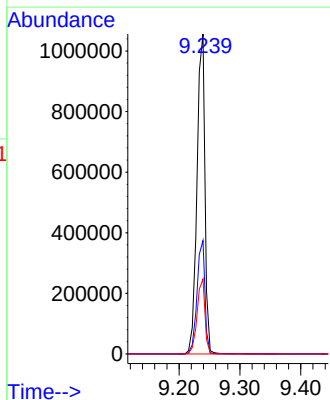
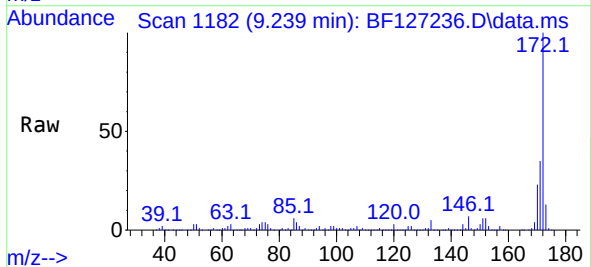


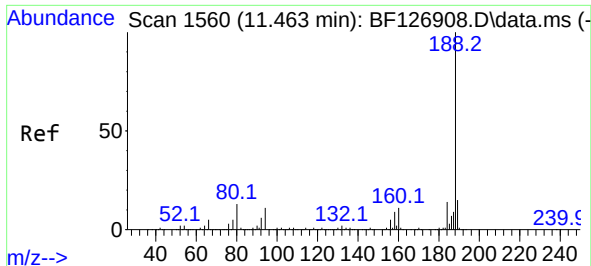
Tgt Ion:330 Resp: 268060
Ion Ratio Lower Upper
330 100
332 94.7 76.0 114.0
141 33.4 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 70.430 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF127236.D
Acq: 07 Mar 2022 22:52

Tgt Ion:172 Resp: 955793
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 19.0 28.6

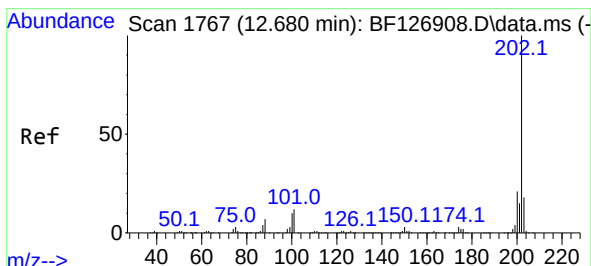
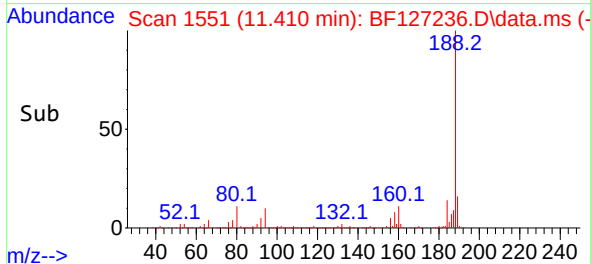
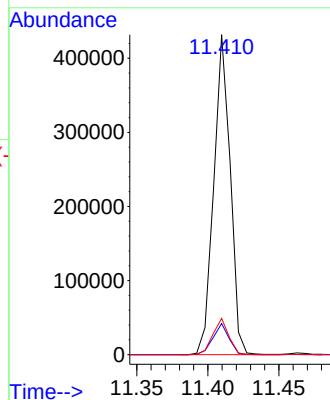
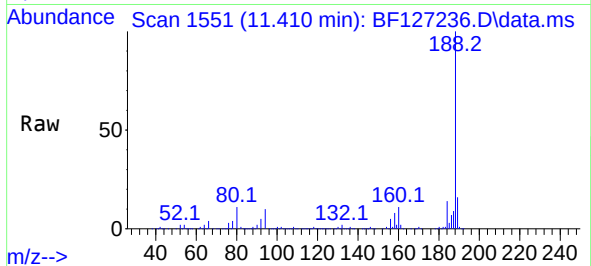




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127236.D
Acq: 07 Mar 2022 22:52

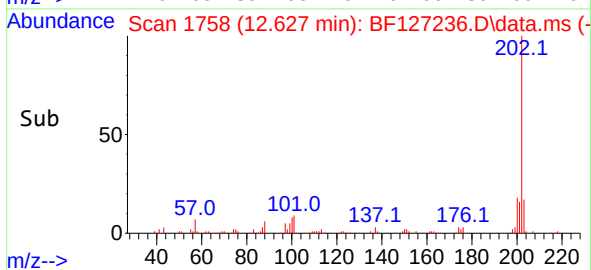
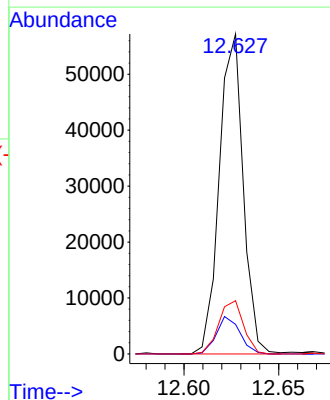
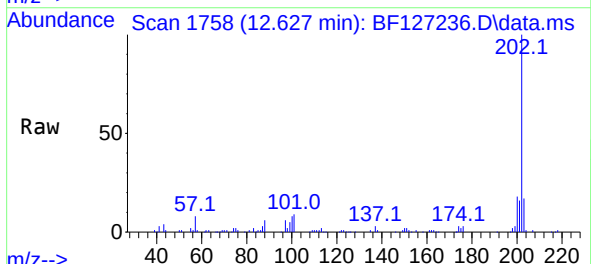
Instrument :
BNA_F
ClientSampleId :
DUM-25

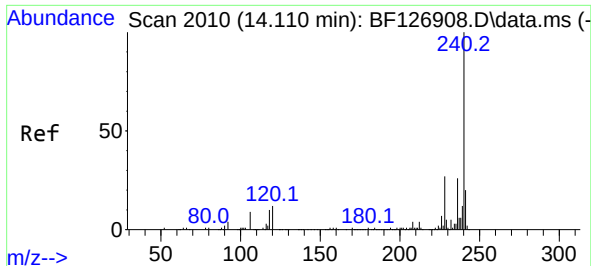
Tgt Ion:188 Resp: 348570
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 11.4 11.8 17.6#



#75
Fluoranthene
Concen: 2.712 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF127236.D
Acq: 07 Mar 2022 22:52

Tgt Ion:202 Resp: 50238
Ion Ratio Lower Upper
202 100
101 9.2 0.0 35.7
203 16.7 0.0 37.1

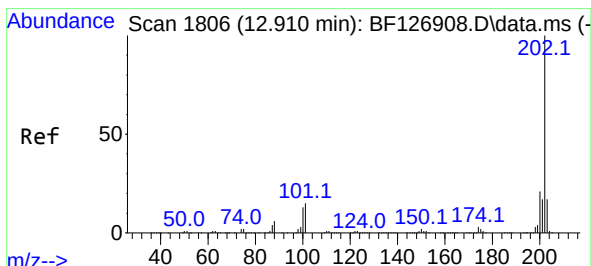
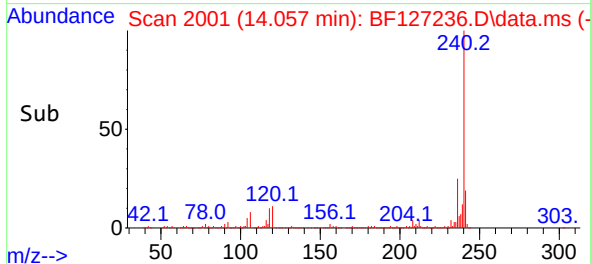
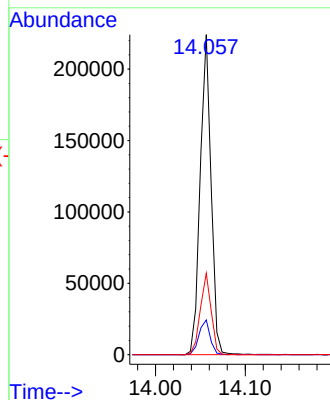
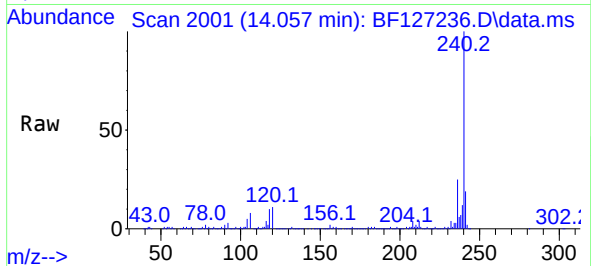




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127236.D
Acq: 07 Mar 2022 22:52

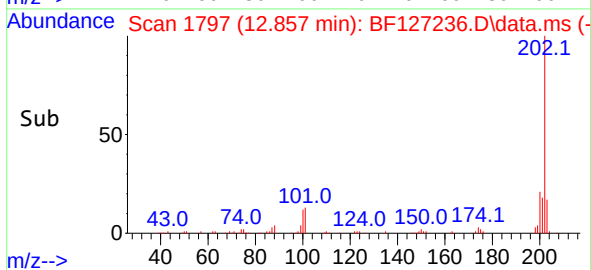
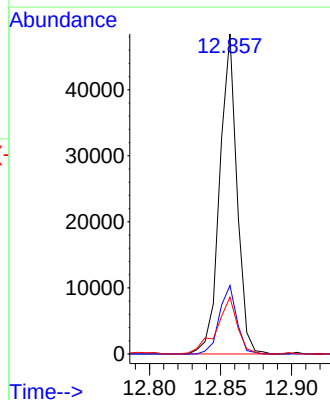
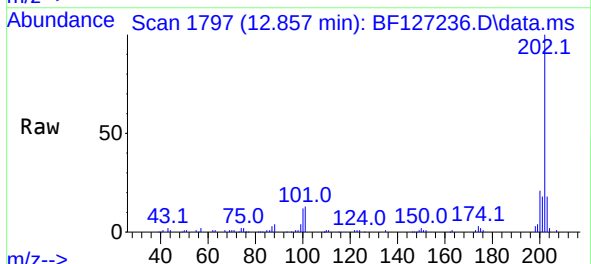
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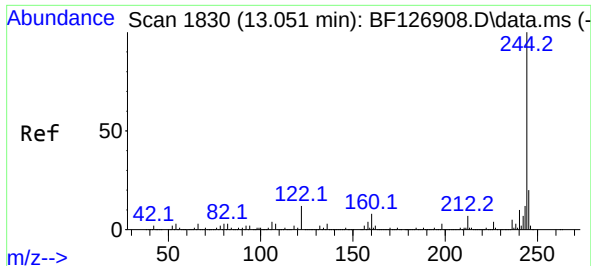
Tgt Ion:240 Resp: 188332
Ion Ratio Lower Upper
240 100
120 10.9 14.4 21.6#
236 25.5 20.5 30.7



#78
Pyrene
Concen: 2.497 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF127236.D
Acq: 07 Mar 2022 22:52

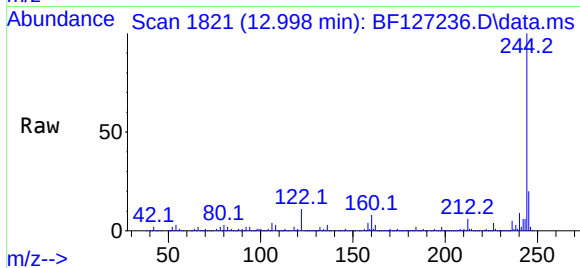
Tgt Ion:202 Resp: 40850
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 17.8 13.8 20.8



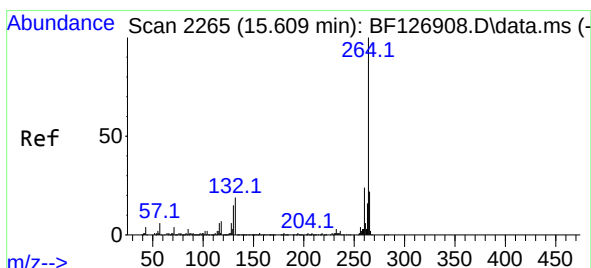
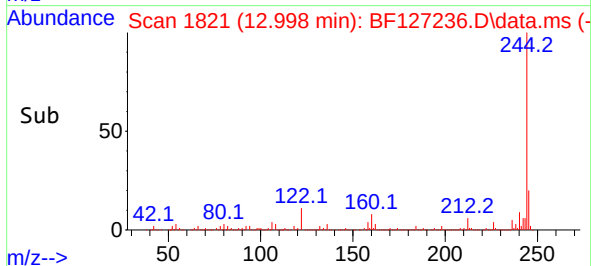
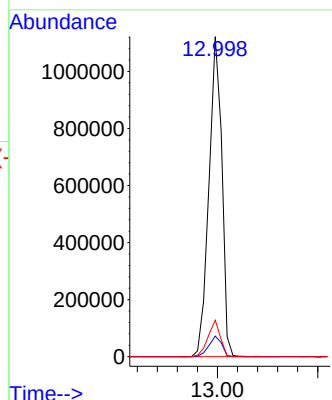


#79
 Terphenyl-d14
 Concen: 78.579 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127236.D
 Acq: 07 Mar 2022 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DUM-25



Tgt Ion:244 Resp: 1006708
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. -0.000 min
 Lab File: BF127236.D
 Acq: 07 Mar 2022 22:52

Tgt Ion:264 Resp: 169119
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 20.3 17.4 26.2

